

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU03/01289

A. CLASSIFICATION OF SUBJECT MATTERInt. Cl. ⁷: A61B 1/317

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

SEE ELECTRONIC DATABASES CONSULTED

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

AU IPC: A61B 1/317, 1/313, 1/04. EC: A61B 1/313D

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI JAPIO: A61B G02B G01B inner internal interior cavity image camera visual optic video map photo second two dual multiple duo several plural compare direct locate orient impose spatial bone spine spinal vertebra disc

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 211783 A1 (SOCIETE EN COMMADITE PAR ACTIONS DITE et al) 25 February 1987 Figure 1	1, 51, 62
A	US 4916533 A (GILLIES et al) 10 April 1990 Figure 3, column 3 lines 40 to 59	1, 51, 62
A	WO 93/20742 A1 (DANEK MEDICAL, INC) 28 October 1993 Page 4	1, 51, 62

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
28 November 2003Date of mailing of the international search report
11 DEC 2003

Name and mailing address of the ISA/AU

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5381784 A (ADAIR) 17 January 1995 Figures 7 and 9	1, 51, 62
A	WO 96/39916 A1 (OKTAS GENERAL PARTNERSHIP) 19 December 1996 Figure 3, pages 12 to 15	1, 51, 62
A	DE 19800765 A1 (SIEMENS AG) 8 April 1999 Figure 1	1, 51, 62
A	US 6385476 B1 (OSADCHY et al) 7 May 2002 Abstract	1, 51, 62

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Box I Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos :
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos :
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos :
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)

Box II Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

See extra sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1-33, 51, 62-64

Remark on Protest ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

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Supplemental Box

(To be used when the space in any of Boxes I to VIII is not sufficient)

Continuation of Box No: II

The international application does not comply with the requirements of unity of invention because it does not relate to one invention or to a group of inventions so linked as to form a single general inventive concept. In coming to this conclusion the International Searching Authority has found that there are different inventions as follows:

1. Claims 1-33, 51, 62-64 are directed to a system or method for imaging the interior of a bodily cavity having first and second imaging means, both positionable within the interior, the second means positionable relative to the first, wherein the first image depicts the location of the second imaging means. It is considered that the first image depicting the location of the second imaging means comprises the first special technical feature.
2. Claims 34-50, 52-61, 65-70 are directed to a system or method for mapping the interior of a bodily cavity comprising a position indication means variably positionable within, a position detection means for receiving a signal from the position indication means and a processor means that analyses said signal and provides output indicative of location of position indication means relative to position detection means. It is considered that the processor means that analyses the signal and provides output indicative of location of position indication means relative to position detection means comprises the second special technical feature.

Since these groups of claims do not share a special technical feature, they do not satisfy the requirement of unity of invention.

INTERNATIONAL SEARCH REPORT

Information on patent family members

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member	
EP	211783	FR	2584599
US	4916533	GB	2227836
WO	93/20742	AU	40472/93
		CN	1105843
		NO	943788
		ZA	9302546
US	5381784	US	5494483
WO	96/39916	AU	39595/95
		EP	798979
		US	5582576
		US	5817014
		WO	96/10947
DE	19800765	NO	FAMILY
US	6385476	AU	59507/00
		CA	2355788
		JP	2002153443
		JP	02-182231
		BR	9306213
		EP	644736
		TR	27506
		CA	2117781
		FI	944673
		US	5396880
		CA	2177283
		EP	840566
		US	5603687
		US	5895350
		WO	97/14348
		US	6368285
		CA	2320068
		JP	2001137206
END OF ANNEX			